Clearing of Logged-Off Land Simplified by Use of Modern Machinery



Homeseekers are now focusing their attention upon the large areas in the West that are at present nonproductive. These areas consist of logged-off lands, swamps and land that would be tillable if irrigated Such lands have been lying dormant in the past as there has been no incentive to go to the expense of putting these lands under the plow.

With the dividing up and settling of most of the available farm lands, home seekers are beginning to cast their eyes apon the land which is at present nonsimple productive. The large amount of money required to put the untillable lands under ultivation has been the main drawback to the development of such lands into farm hon

LOGGED LAND OFTEN GOOD

Logged off land has many natural advantages for the home builder. It prethat is to get the land cleared and eveled, after which it is merely a que tion of which crops are the best adapted to the soil. Some of the richest land in the West

is now lying non-productive because of the stumps which have in the past pre-sented such a big problem to the logged off land owners. Some of this land has been seeded down and is good grazing land, while a big share of it is in heavy brush or fern, which prevents the grass from growing to advantage.

GOATS AID IN CLEARING Goats will keep down the brush but unfortunately they can not be induced to acquire a taste for stumps. True enough the stumps will rot out if given enough time and if the sprouts and brush are kept down meanwhile the land will eventually be tillable without much hard work being done on it.

A farmer who is depending on the soil for his living can not wait very many years for profits to start coming in and it is an uphill proposition to try to make a living from a stump patch. Very few logged-off land owners have money with which to clear the land. If they could secure loans that would permit them to go ahead with the clearing, the land, once in a productive state, would soon be paying off all obligations. STATE WITHHOLDS AID

In Oregon, the state has provided for the guaranteeing of interests on bonds issued by irrigation and drainage projissued by irrigation and dramage poor ects, but as yet no assistance has been given owners of logged-off lands in it against breakage with the %-inch the squares in row 1. not using the two outside squares. Place the grains

"The hoist requires but two men to ope-Logged-off lands are in most cases more easily improved than are swamp rate it, the engineer and the hook tender. or dry lands. Swamp land in many cases Running continuously on average work. cleared of stumps as well as it consumes a maximum of 10 gallons ditched. Even after it is drained, the of kerosene per day. Besides a mini-ditches require constant attention to mum amount of oil, the only other operkeep the land in a tillable condition. ating expense is the wear on the cable Irrigable land requires a certain and a very small depreciation per year amount of clearing and leveling as well on the donkey, as it has no boiler grates as ditching. If it is to remain produc- to burn out, nothing to break, and parts tive for a great number of years, it must that are subject to excessive wear are ilso be drained. There is a constant upkeep expense upon the ditches, and inexpensive to replace

ater rights must be bought and paid for from year to year. NEW METHODS HELP

p pullers and



E. G. Adams of The Dalles has in- | hillside, thus letting the tractor run vented a tractor, which by an ingenious, perfectly level in places where no other tractor on the market could travel at all mechanical arrangement can In addition to its adaptation to rough travel on the steepest sidehill without country where other makes of machines slipping or losing power and with no are out of the question the tractor de-

possibility of turning over. The rear signed by Adams has an advantage in or drive wheels are mounted on movable belt work. There is no leveling problem stub axles which are controlled by a and there will be no necessity for worm gear and pinions, at the will of troublesome sinking wheels, etc. The the operator, the frame of the machine frame is always level, no matter what ents but one problem to the settler and may be leveled in either direction on any the nature of the ground.



Sedro Wooley, Wash., Feb. 5 .--- S.

Fordson tractor that promises to kernels that are sound as well as revolutionize methods in land clear- merely growable. ing, road building and light logging. With the rag doll tester as used by the

The plant is a simple combination of O. A. C. experiment station and some the old donkey engine of two drums, and glazed fiber paper, growers may insure reported no loss in egg production after States. the Fordson power plant, the two being their crops against failure from dead or mounted on regular donkey engine skids. The range of power developed is from On a piece of m On a piece of muslin 12 inches wide

3400 pounds at a speed of two miles an and not more than 56 inches long, mark hour in high gear to 18,000 pounds at off inch squares, leaving six inches 0.4 miles in low. The haul-back drum unmarked at one end. Number the first develops a speed of 8 miles an hour cross row of spaces 1, and so on up to n high, 3.2 miles in intermediate and 50. Lay the muslin, squares up, on a 1.6 miles in low. This M. A. C. tugger piece of glazed paper. hoist, as it is called, carries 1000 feet of Take 10 grains from each ear to be

%-inch main line and 2000 feet of %- tested, the first near the butt, the last nch haul-back cable. The frame is cast near the tip, and No. 2 from the same in one piece open hearth steel, rigidly frow. The ears are numbered to corresbraced, and the inventor's company, the Skagit Steel and Iron works, guarantees Lay the 10 grains from ear No. 1

germ side down with tips pointing to the After the squares are all filled, dampen

the cloth with lukewarm water and lightly roll it up from the bottom, takng care that cloth is next one side and the paper next the other of every grain. Tie a string lightly around each end of the roll and put it in the germinator, left end down.

Brings No Changes

Eugene, Feb. 5 .- Optimistic in spite of

last year, the Eugene Fruit Growers

Keep the "dolls" in as even temperaure as possible-about house heat-for | cording to rule.

warm water. Formula Offered All ears that show dead germs or live germs in rotting kernels are rejected as

infit for seed.

POULTRY BUSINESS 31 HERDS IN STATE GROWING RAPIDLY PASS DISEASE TEST

By H. E. Cosby Extension Poultry Specialist.

A great many people are going increased production is perhaps due more to increases in established that have passed three semi-annual flocks than to the new flocks being tests without a tuberculin reactor or started

fined to any particular section of the which is the honor roll of the bureau state, yet due to climatic conditions the of animal industry. greatest numerical increase is confined to Western Oregon.

A poultry farmer with 1000 hens attracts quite a little attention from the poultry interests of the state and community. In that immediate community probably 3000 hens are found in smaller units on the general farms kept merely

units on the general farms kept merely as a side line industry. George W. Kable, county agricultural agent of Benton county farm bureau, arranged for seven poultry culling schools to be held in September for the benefit of both large and small poultry units. A total of 300 poultry keepers attended and took active part in culling La Grande poultry. Eighty-five men expressed their intention of doing their own culling work.

a Grande. Ayhshire—J. D. Honeyman, Scappoose, Red Polled—Frank 4j, Porter, Halsey. Shorthorn—Alex Chaimers, Forest Grove. In addition to the foregoing Oregon also has 263 herds of pure bred cattle The poultry project committee of the farm bureau, desiring to check up on that have successfully passed one tuber-the work, asked the people to send a culin test in the process of accreditation. report of their culling efforts. A great A number of these herds have already many failed to submit any report, but qualified for the accredited herd lis 31 cooperators did report some interestsince the publication of the last report of the bureau and will be announced in

These 31 flock owners examined all the next edition, which will be issued their hens, or a total of 3264, and re- within a few weeks. moved 833 low producing cull hens from The last available figures show that

list.

An average of 25.5 per there are now 5013 accredited herds, repflocks. cent of the hens examined were thrown resenting more than 80,000 cattle, and up his work as organization manager out as unprofitable and resulted in a 27,842 herds, representing more than of the Wenatchee District Cooperative Oregon Agricultural College, Cor-3. McIntyre of this city is the inven- vallis, Feb. 5 .- Seed corn tests may net saving of grain of \$500 to the pro-440,000 cattle that have passed one suctor of a donkey attachment for the be made to point out the ears with ducers. The greatest number of hens cessful tuberculin test. Many more owned by anyone reporting was 180. herds are on the waiting list and bureau The average number of hens per farm officials express the opinion that five shortly. He is one of the best known was 106. years more of active

The cull hens were kept only a short of both federal and state authorities time after culling to check up on possi- will result in almost a complete eradicable errors. Twenty-three cooperators tion of bovine tuberculosis in the United culling; six reported a loss of one to

three eggs a day, and two reported an increase in production by the hens after on its plan to have every herd of dairy ulling out the boarders. The farm bureau does not indorse cull- herd list by the end of three years. Dr. ing as a "cure all" for the poultry busi- Gardiner of the livestock sanitary board

breeding and housing of poultry.

2.10 NOTES From O. A. C.

out as poor layers one Bend district. Gardiner expects only to By fourth of all their hens 31 Benton county start the work in the Tumalo section farm bureau members with an average and other veterinarians will be assigned of 106 hens, report a net saving of \$500 later by either the state or the federal in feed. No loss in egg, production was department to work in other portions reported by 23 members who culled, a of the county. Bert Torkelson and C. output was reported by two members.

Better results are obtained when fowls are fed according to appetite than ac-There are no best ive or six days longer than for the poultry feeds or rations except those simple germination test-nine to 12 days. that supply the necessary food elements It must be kept moist by sprinkling with most economically. Hens cannot do well on a whole grain ration

Industrial Movie Film to Educate Farmers on Feeding

An industrial moving picture film that s both interesting and deeply instructive has been booked to be shown in more

Bovine tuberculosis eradication has made rapid strides in Oregon, the West. It is a feature put out by the than 400 of the leading showhouses in according to accredited herd list No. manufacturers of Olympic feeds, who into the poultry business in Oregon 3, which has just been issued by the are doing much to educate and instruct for the first time. The bulk of the department of agriculture. This list Northwest along the lines of scientific Northwest along the lines of scientific shows a total of 31 herds in Oregon feeding.

This film was prepared at great care and expense with the particular purpose in view of showing the farmer that feedsuspect, and that have thereby quali- ing is the most important element in the Interest in poultry keeping is not con- fied for the accredited herd list, profitable production of livestock' and

merely tell the educational side.

Manufacturing dried buttermilk is an the most economical gains on steers, hen a reliable source of cash income, interest in silage feeding in Deschutes Professor Gunn spoke on farm accountthe use of great roller machinery, into which is poured the raw product at one end and out of which at the other end last year are planning on building silos come great sheets of the dried form. In this season, the process the 90 to 92 per cent of water is removed.

Dean Will Direct Cooperative Work At Wenatchee, Wn.

Wenatchee, Wash., Feb. 5 .- M. L. ton, will be in Wenatchee soon to take association, recently organized. Dean will resign his position with the state work on the part experts in the Northwest and has been onnected with the state horticultural department for the last four years. Be-

fore that he was engaged in similar work in Idaho, coming there from Mich-Deschutes county has started work igan, where he was head of the horticulture department of the state for five and pure bred cattle on the accredited years. Before taking up this line of work for the state of Michigan he was pro-

fessor of horticulture at the Michigan ness, but emphasized its importance arrived in Bend recently and started Agricultural college for several years. only when followed up by better feeding, testing the pure bred Shorthorn herd of ! Dean is also a public speaker and A. J. Harter of Tumalo. Harter, who his addresses on horticultural subjects is president of the Deschutes Valley have been much in demand by associa-Shorthorn association, has succeeded in tions and conventions in the Pacific signing up all the cattle owners in the Northwest,

Tumalo district on a petition for the tuberculin testing. Other petitions have He will act as cousulting horticulturist for the acsociation. een circulated by farm bureau com-

Redmond, Sisters, Deschutes and the McArthur & Stauff **Build Shedding Barn**

McArthur & Stauff of Rickreall have just finished a- shedding barn where loss of one to three a day was reported B. Caldwell of Bend have already had their Jersey herd will be bedded and by six members, and an actual gain in their herds tested three times in the kept at night and during wet weather. past three years and these cattle will This barn is 45 by 50 feet and is situsoon be on the federal accredited herd ated only 20 feet away from the milking There is no tuberculosis present barn. Its entire ground area is given in the herds that have been tested and over to a resting place for the dairy it is doubtful if the cattle of Central herd. A large loft has been filled with Oregon will ever become very susceptible to the disease, due to the high alti- straw is distributed over the ground tude, arid climate and the presence of area each day and, in this way, all the about 300 days of sunshine per annum. manure is packed do

FARMERS' SCHOOL

By R. A. W.

The Deschutes farmers' school closed Friday, January 28, with talks at Bend by Livestock Specialist Lindgren and County Agent Spillman, and a potato day at Redmond in charge of Professor Hyslop.

Considerable interest was manifested haps the greatest labor incomes from in the lectures on livestock, potatoes, dairying and poultry. Spillman recounted profitable production of livestock and the results in Union county from the use industry. Levi Ernst of Powell Butte of silage in conjunction with hay as a from an ordinary farm flock of 30% in an interesting manner, as well as to steer fattening ration. He'also showed White Leghorns, sold \$1797 worth of

chutes county has more certified potate

seed than all the other counties of Ore-gon combined. Hyslop also spoke on the production of clover seed and stated that he believed there were great possibilities

in this industry. His talk on permanent

pastures was especially timely as the new dairy farmers are planning on sowing irrigated permanent pasture mix-

Professor Lindgren also told of the results obtained in Idaho and Colorado

from irrigated pastures, and stated that

with hay at \$10 per ton, an acre of per-

manent pasture would make a greater financial return than a yield of three

Bend consumes some \$30,000 worth of

poultry products and at the present this

s more than is produced locally. Per-

Deschutes county farms were made on those where poultry was a major line o

Ayrshire Breeders Elect

Tassell of East Wenatchee, has been

Auxiliaries to Farmers' Unions

auxiliaries to every farmers' union local

to be formed immediately, according to

Spokane, Wash., Feb. 5 .-- Women'

Wenatchee, Wash., Feb. 5 .- E. W. Van

tures for their dairy cows.

or four tons of alfalfa.

Jernsyn - B. C. Altman, Gresham: George Biersdorf, Cornelius; Ed TCary, Carltoni, George Conner, Albany; J. M. Dickson & Son, Shedd; F. A. Doerfler, Silverton; Lucy Ewalt, Aurora; G. G. Hewitt, Independence; C. H. Johnson, Gresham: William M. Ladd. Portland; Frank Loughary & Son, Monmouth; F. E. Lynn, Perryclaie; McArthur & Stauff, Rickreal; J. W. Reith, Astoria; E. T. Smith & Son, Myrtie H. Withyrom, Gaston. by charts the results of silage trials in eggs and \$185 worth of poultry during Wisconsin, Indiana, Iowa, Kansas and 1920. This was a sideline to his regular element entering into a number of the rations in which a full grain ration was great an income as the regular farm fed. The conclusions arrived at both in business. Professor Cosby's talk on poulthose states and in Oregon were that try was attended by a large crowd of silage and hay at the present time made Bend farmers who have found the old

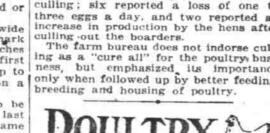
county is running high and already many ing and production costs. farmers who deferred sile construction

Professor Fitts spoke on the marketing of alfalfa hay in the shape of concentrated dairy products. He stated that if elected first vice president of the Northevery person in the United States con- west Ayrshire Breeders' association, orsumed but one spoonful more milk than is consumed at present, the increased ganized to include breeders of Washingconsumption would require an additional ton, Oregon, Idaho and British Columbia, 110,000 dairy cows in the United States. He is also a member of the committee on His talk on dairy cow feeding was well exhibits, premiums received as Central Oregon people at The president is J. R. Mayben of Canary, present are planning on greatly increased Or. The society will push the Ayrshire dairying operations this spring. Plans breed to the front in the Northwest,

Wenatchee, Wash., Feb. 5.-M. L. are being laid to bring in about 500 Dean, director of the department of dairy cows in the Bend district next horticulture of the state of Washing- year. The first cows to arrive under the cow campaign were the Westcott herd of purebred Jerseys from Washington county, which were purchased by C. N. of Washington and Northern Idaho are Jones of Tumalo.

Hyslop laid special emphasis on keep-ing the potatoes of Deschutes county as secretary of the Washington Farmers free from disease as they are at present. union. He stated that organization He stated that the county had a great work has already been started in Wilopportunity as a center for the produc-tion of certified seed. At present Des-Idaho.

For a Record Crop-DIAMOND QUALITY MAKE EVERY seed planted, and every acre cultivated, yield the biggest return. Diamond **Quality Seeds are tested** -OUR SEED CATALOG and adapted to the climaand Planters' Guide is the standard reference for growers of the Northwest. tic and soil conditions of the Northwest. You can



new methods of land clearing has ma terially reduced the cost of clearing land. there are many hand power stump pull-

H. A. Scullen, Oregon Agricultural rs upon the market which may be secollege bee expert, gives a good substiured for a small sum, that are of great assistance in clearing small tracts of tute for the natural food of bee colo-hund. Power stump pullers, donkey ennies, which need supplementary feeding gines and other pulling rigs offer the expensive for owners of small tracts to the formula for preparing the food: Six pounds good granulated sugar, % However, if the owners of a small

pound liquid glucose, 21/2 cups water piece of land would combine with others. (20 oz.), 14 teaspoon cream tartar. he could secure the use of modern and The sugar, water and glucose should powerful implements with which to do be mixed together and stirred until ready his clearing. If the same state support to boil, The cream of tartar is then could be secured for land clearing disadded and the stirring stopped while tricts that is now given irrigation and the mixture comes to a good boil. It drainage districts, modern machinery is very important not to scorch the and expert help would solve the probsugar, since scorched sugar kills bees iem of the logged-off land owner. in the winter time. When the mixture

s thoroughly cooled and beaten it should Hundreds of Farmers be poured into an empty wire frame with a close fitting board nailed to one At Extension Course cluster of bees.

The Dalles, Feb. 5. - Hundreds of farmers from all parts of the county braved the bad roads and came here for the extension courses presented during Farmers' week under the auspices of the county agriculturist. Various topics are taken up each day, livestock, poultry raising and accounting, potato and grain growing and other subjects having been touched upon. The subject of fertilization of lands of the kind in Wasco county was discussed at the meeting, River experiment station. Spraying and pruning of fruit trees is being covered in the afternoon meeting. Specialists from Oregon Agricultural college attended all the meetings.

New Era in Orchard Culture in Offing

Eugene, Feb. 5 .- What is hoped will prove to be the beginning of a new cra in orchard culture has been inaugurated in this section by Clayton L. Long, horticultural expert of the Oregon Agri-cultural college, who is conducting a series of orchard demonstrations in conjunction with the county agent and the fruit inspector. He states that the six demonstrations so far held have been among the most successful he has had in the state. Every phase of orchard work will be taken up with'a view to increasing the productiveness of the orchards which in past years have been much neglected.



They will handle Nitrate of Soda, Phosphate and Potash, Lime in small quantities, also Ground Sulphur and other fertilizers.

Buy the old reliable, tested, many seasons.

SALEM MFG. CO. 1396 N. Front St.

side and placed in the hive next to the Lambs Wax Fat on

Central Oregon lamb feeders are demonstrating that Deschutes valley alfalfa \$549,108.13. in combination with sunflower silage will It was sh

feeding 500 lambs at Deschutes, reports a and only a part of the fruit pools had achieved the most notable success in his gain of 1/2 pound per head per day when Thursday by Leroy Childs of the Hood the lambs were put on alfalfa pasture. the lambs were put on alfalfa pasture. Thi: gain has declined to one-third pound 0. A. C. Professors per day since the lambs have gone on a straight alfalfa hay and sunflower silage ration. The lambs are being fed all the alfalfa they will eat with about two pounds of silage. The Petersen lambs are weighed every 30 days and a careful

Winter Bee Food

record of the gains and costs is kept. Others feeding lambs in the Deschutes district are Hans Mikkelsen, Ole Hansen and W. L. Bergstrom. Some 2000 fat lambs will be shipped out during the next two months.

Scappoose Expert To Aid Fruit Men

Warren, Feb. 5. - Charles Koutek of Scappoose has been appointed fruit inpector for this district. Koutek is a ruit grower of some repute and has stated that he will wage war against the strawberry root weevil, which has made it prohibitive to ship any plants from this section. He has also stated that he will try to eliminate the "leaf curl," which has caused peach growers so much trouble. The doubling of the annual appropriation for fruit growers by the county court is proving to be

an incentive to the growers of this section and they have promised to take better care of their shrubs and trees. Koutek succeds A. L. Morris, who has served in the capacity of fruit inspector for the past three years.

Portland Woman Named Boardman, Or., Feb. 5 .- Miss Frances

Beebe, instructor in domestic science and art in the Boardman schools, re signed, and Mrs. Ida S. Mason of 410 Salmon street, Portland, was engaged to fill out the year. H. C. Seymour, state industrial club leader, inspected the club work at Boardman January 28 and accompanied Principal M. B. Signs, Mrs. Signs and A. J. Hedger of the manual raining department across country to

Phone 314M Heppner for a school board convention beld in that city on January 29.

Early egg laying is a characteristic of the good laying hen. Late laying is another characteristic of a good layer. Selection of good layers thus lengthens Fruit Men Reelect

the laying period both at the beginning and end of the year. Officers; Hard Year

Ashland Fruit Men's Exhibit Wins Prize In Southern State

association Saturday reelected the former board of directors. Officers are: Whenever Ashland's famous fruit has M. H. Harlow, president; J. Beebe, vice president; J. O. Holt, "secretary and been exhibited in any part of the country it has never failed to attract the manager; United States National bank most favorable attention.

of Eugene, treasurer. One of Ashland's expert fruit growers, double brooder rooms, each equipped The annual report showed more than Albert Johnson, sent to the Mississippi with a stove. In the old brooder house Valley Fruit Growers' association ex-1000 stockholders, carrying an average of 15 shares each. The total amount of hibit a small display of apples from his are three stoves, which gives him a fruit handled during the year in the three plants of the association was Ashland orchard recently and has al-6,361,927 pounds; the total amount of ready received notice from Stark Bros.' one time. Erving at present has only vegetables, 7,527,444; the total amount nursery that he is the recipient of first of canned goods packed, 104,728 cases." prize on several of his offerings. The financial statement showed that Ashland peaches have long been noted, Deschutes Alfalfa the total sales of fruit and other prod-ucts amounted to \$698,686.41, while the but Johnson has succeeded in raising some of the finest specimens of the amount paid out for labor during the Delicious apples ever seen, and in comyear was \$113.229.84. The total value of petition with fruit from all parts of the

plan to hatch 60,000 chicks this spring, which will partially take care of the goods in the warehouses was placed at country this is a splendid recognition of orders he has. He will ship chicks to Kelso, Astoria, Castlerock and points Johnson's ability as a fruit grower. It was shown that on account of the Johnson is nearly 80 years of age. He nake satisfactory gains on the average financial condition only about half of came to Ashland and started in the fruit on the Sound, as well as supplying many feeder lamb. Rasmus Petersen, who is the season's pack had been shipped out, business at the age of 65 and has local orders. A flock of 1500 Alderwood

Manor purebred hens is kept for breeding purposes. These hens have demonoccupation. strated their value as layers and are very much in demand. Will Be Chief Counsel Spokane, Wash., Feb. 5.-F. A. Gar-recht, United States district attorney, To Speak at Bend **Italian Prunes**

will become chief counsel of the Wash-ington and Idaho Wheat Growers' asso-Arrangements have been completed for ciations upon retiring from his present office. Garrecht said today, however, that his commission does not expire until March, 1922, and that he did not

expect an immediate change. Seek More Members

Kelso, Wash., Feb. 5 .- The executive Hyslop will speak on farm crops in Bend January 26, followed by R. V. Gunn on committee of the Cowlitz county farm bureau met with County Agent T. Y bureau met with County Agent T. Y. farm accounts. Professor Lindgren of the animal husbandry department will Blanton and planned for a publicity close the Bend meetings with his lecture campaign and membership drive to be on livestock on January 28. The Redmond launched in the near future. A con-meetings will be one day later. The stitution and by-laws was also adopted, newly reorganized farm bureau is tak- subject to the approval of the county ing an active part in the plans and a farm bureau at its annual meeting.

SHADELAND FARMS A M I T Y SEND FOR FREE BOOK-IT Conkey's LAND CLEARING AND **Buttermilk** Starting Feed Frequencies and gives your chicks providers and layers. The buttermilk puts an addition of the appetite, while the lactic acid is and layers. The buttermilk puts an addition of the appetite of the lactic acid is and tones up the sensitive diges-tive organs and helps prevent White Diarrhea. Conkey's is an appetizing combination of puttermilk, dried on the grain by a special process. Conkey does not use dried buttermilk. BUI STUMP PULLER BULL DOG pulls largest, smallest, low cut, great, rocted tap-rooted stamps or trees, either in swamp or on billeides in minutes. Made of tough steel. Weighs less. Will less a sit time. You whose can yrank out biggest stamps quickly an cheaply. Plenty of the strongest cable, blocks, hooks an guaranteed "Take-up." Root Hook FREE with every out?

Conkey's is different - it is so clean. sweet and genuine. No mill ends, shriveled or unsound grain, weed seed or mill sweepings used - only the best and purest grain. / Send name and address for free circular containing valuable feeding information.

The S. E. CORKEY CO., 6557 Broadway, Cleveland, Ohio

Sold By Routledge-Seed & Floral Co. 145 Second Street Portland. O



several months ago by Erving.

The hatchery is a two story building,

the upper floor containing four large

one time. Erving at present has only

one incubator, with a capacity for 10.000

eggs, but the hatchery building, costing

over \$5,000, is large enough for five more

machines. He plans to install at least

three more machines this year. It is his

A few thousand choice Italian Prune Tree

FRUITLAND NURSERY 186 S. High St. SALEM, OREGON.

Bargains Registered Yearing Herd Boar, Guar-inteed a Strong Breeder, Large Litters of Fine Colored Pigs, \$40. Boar Pigs, 4 to 5 Months, \$15. Registered Weanling Pigs, \$10. Registered Tried Sows, bred for March-April Farrow, \$50. Urated Free.

FREE TRIAL

MOHR STEEL CO.san Francisco, Cal

DOG

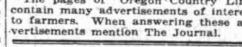
Phones 224-66

prices-all grades.

lots of 1

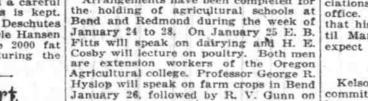
mitteemen in Lower Bridge, Terrebonne,

of chicks, 3500, made its appearance contain many advertisements of interest several days ago at the big hatchery vortisements. When answering these adowned by Jacob Erving. This marks





PORTLAND, OREGON



large attendance is expected.

Realthy Chicks Chat

In Live and Grow

edge How

SEND FOR

CATALOS

FREE